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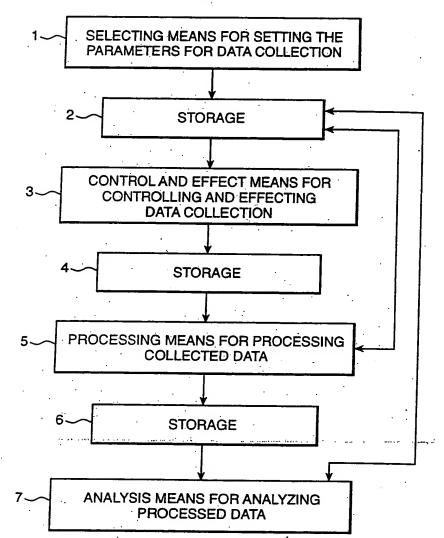
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Fig. 1



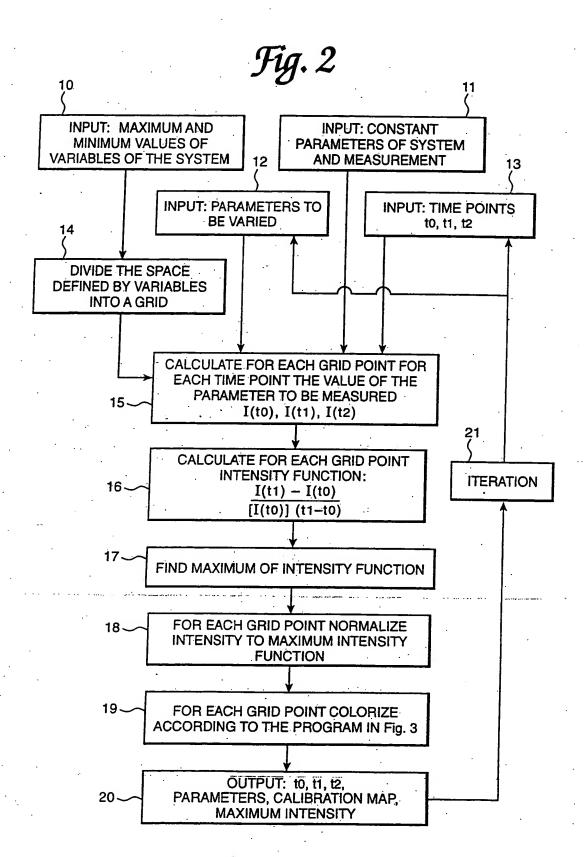
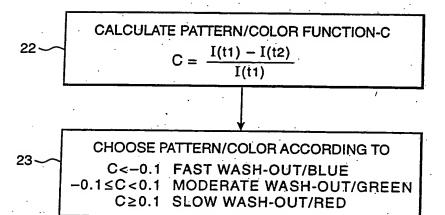
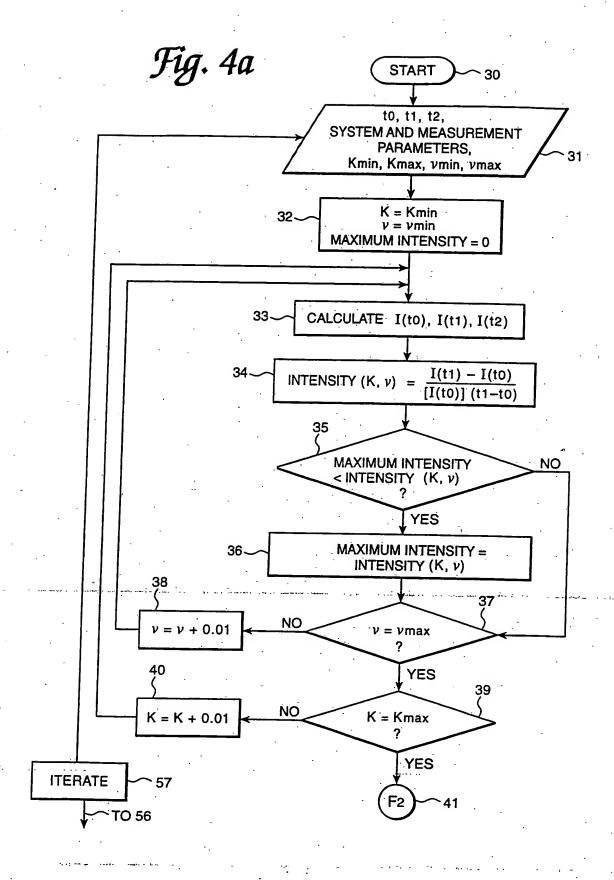
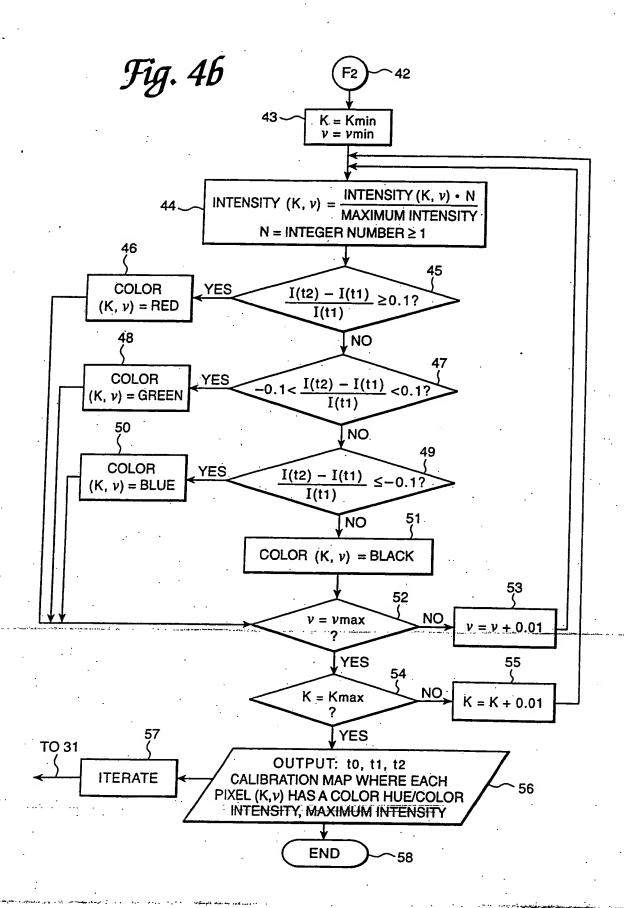
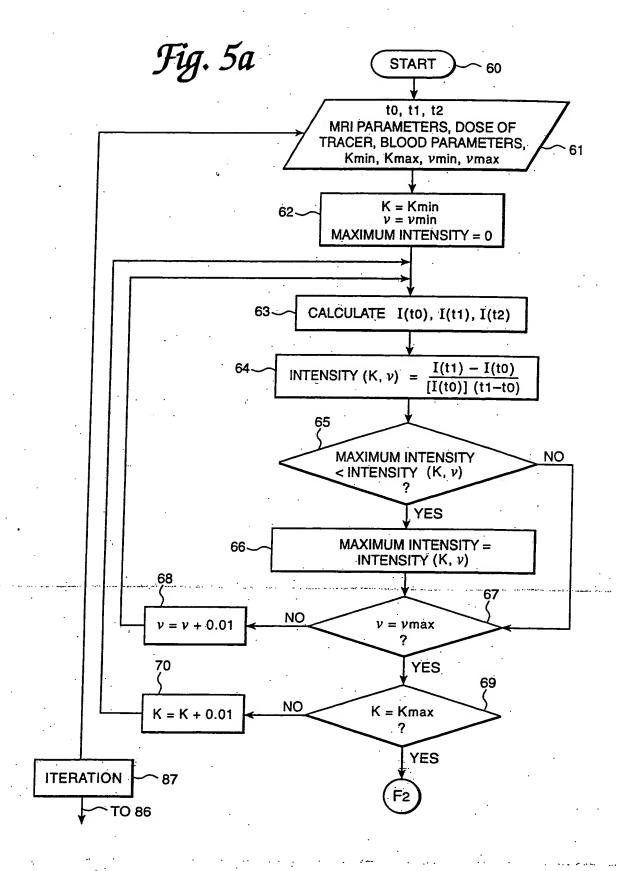


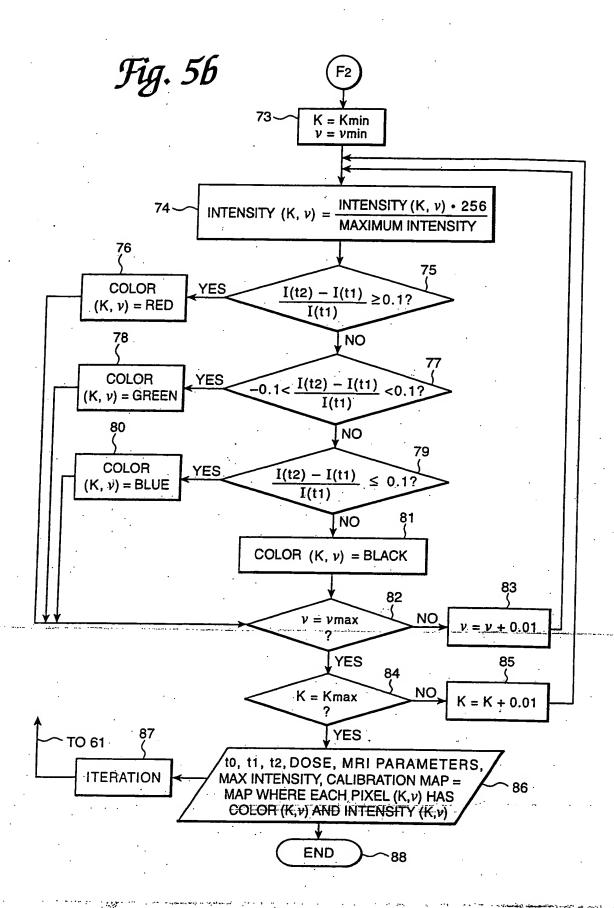
Fig. 3











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Fig. 6

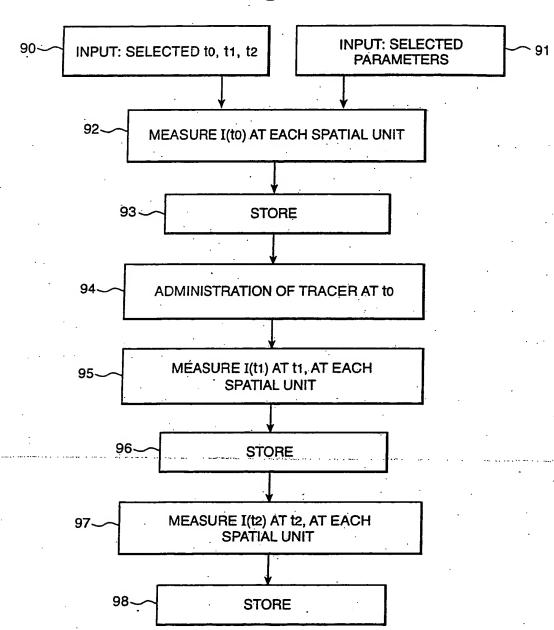


Fig. 7

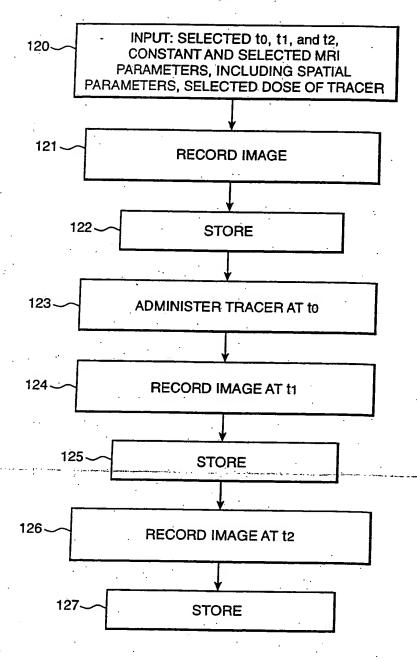
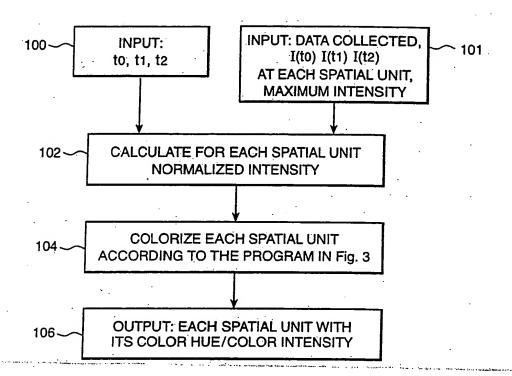


Fig. 8



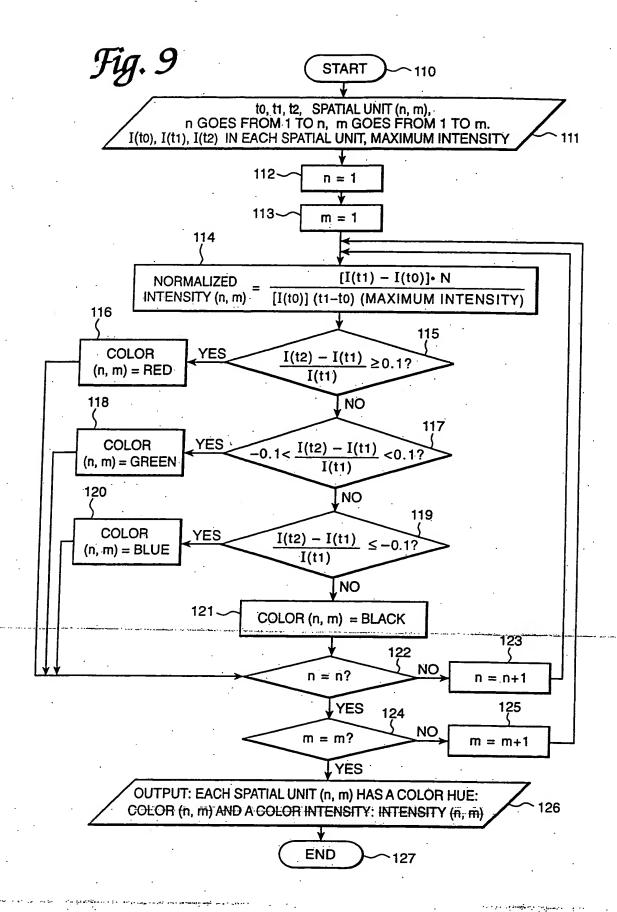


Fig. 10 **START** I image 1, I image 2, I image 3 FOR EACH PIXEL (n,m) to, t1, t2, MAXIMUM INTENSITY, nmin = 1 nmax = n mmin = 1 mmax = m152-153~ m = 1154 I image2(n,m) - I image1(n,m) **NORMALIZED** INTENSITY (n, m) [Iimage1(n,m)] (t1-t0) 155 156~ **COLOR** YES I image3(n,m)-I image2(n,m) ≥ 0.1 ? (n, m) = REDIimage2(n,m) 158 NO 157 COLOR YES $0.1 < \frac{I \text{ image3}(n,m) - I \text{ image2}(n,m)}{0.1?}$ (n, m) = GREENIimage2(n,m) 160 NO -159 COLOR YES I image3(n,m)-I image2(n,m) \leq -0.1? (n, m) = BLUEIimage2(n,m) 161 COLOR (n, m) = BLACK163 162 NO n = n? n = n+1165 YES 164 NO m = m? m = m+1166 167 TYES

OUTPUT IMAGE: EACH PIXEL (n, m) HAS COLOR (n, m)

AND COLOR INTENSITY (n, m), TERMED 3TP IMAGE

END

Fig. 11

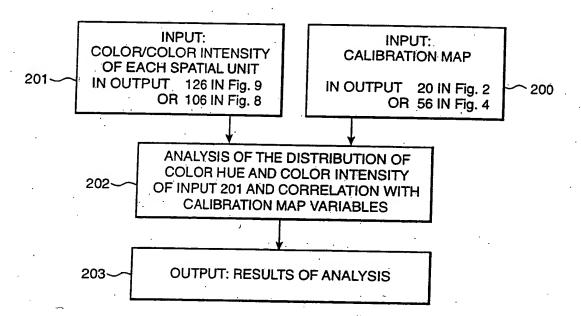


Fig. 12

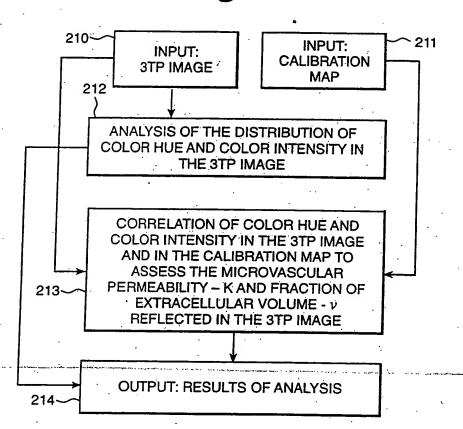


Fig. 13

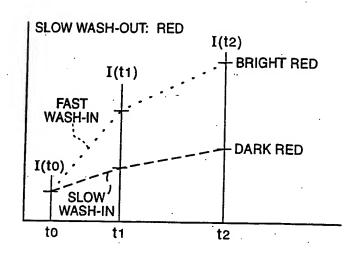


Fig. 14

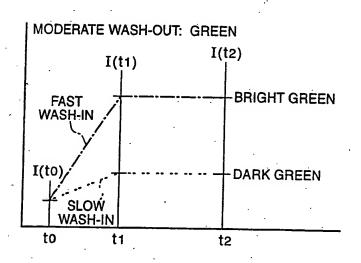
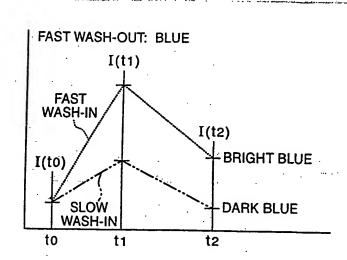


Fig. 15



190 30 160 NORMALIZED INTENSITY GREEN FRACTION OF EXTRACELLULAR VOLUME V 130 90

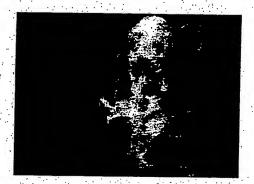


FIG.17a



FIG.17b

EVF

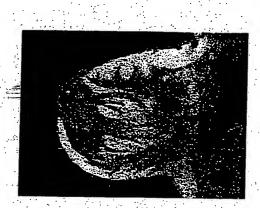


FIG.17c

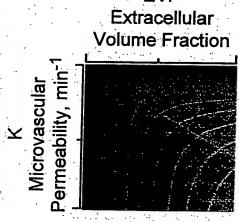


FIG.17d



FIG.18a

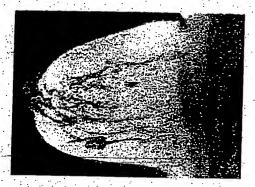


FIG.18b



FIG.19a

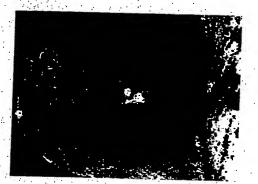


FIG.19b

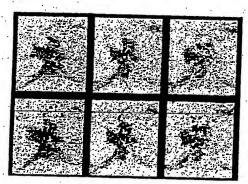


FIG.19c

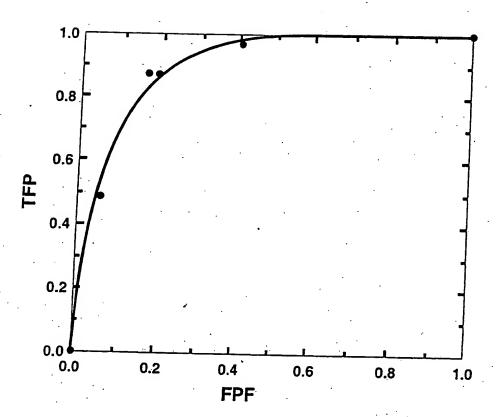


FIGURE 20

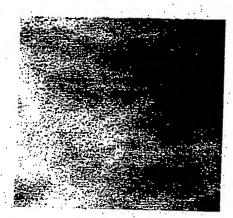


FIG.21a



FIG.21b





FIG.22a



FIG.22b

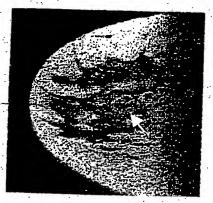


FIG.22c

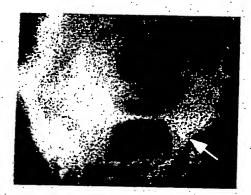


FIG.23a



FIG.23b

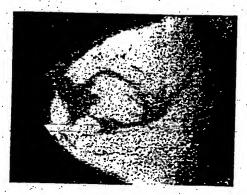


FIG.23c